

Converting Colors

$Yxy(58.3723, 0.2837, 0.2865)$

Have a look what the booklet for
Yxy(58.3723, 0.2837, 0.2865)
contains.

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Color

Yxy(58.3723, 0.2837, 0.2865)

Conversions

Conversions Part 1

Format	Color
Hex	C2C7EC
RGB	194, 199, 236
RGB Percent	76%, 78%, 93%
CMY	0.2394, 0.2195, 0.0745
CMYK	0.18, 0.16, 0.00, 0.07
HSL	233°, 53%, 84%
HSV	233°, 18%, 93%
XYZ	57.8018, 58.3723, 87.5686
YIQ	201.7230, -14.8570, 10.4470

Conversions

Conversions Part 2

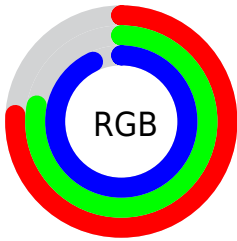
Format	Color
RYB	194, 198, 236
Decimal	12765164
CIELab	80.95, 5.75, -18.84
CIElCh	81, 19.701, 286.960
Yxy	58.3723, 0.2837, 0.2865
Android (android.graphics.Color)	4290955244 (0xFFC2C7EC)
YUV	201.7230, 16.8986, -6.7731
Hunter-Lab	76.4018, 1.3412, -14.4746

Details

The Yxy color **58.3723, 0.2837, 0.2865** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.8354, 0.3404, 0.3682**, and the grayscale version is **58.7782, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **29.1215, 0.2764, 0.2759** is the 20% darker color. If you saturate the color by 10%, you get **46.5867, 0.2651, 0.2586**, and if you desaturate by 10%, it is **71.9613, 0.3007, 0.3115**.

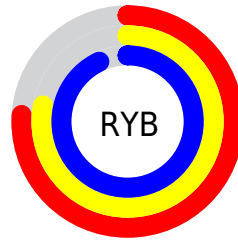
Distribution



Red (76%)

Green (78%)

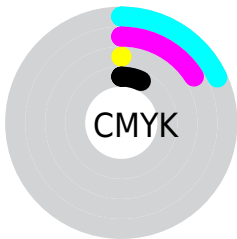
Blue (93%)



Red (76%)

Yellow (78%)

Blue (93%)

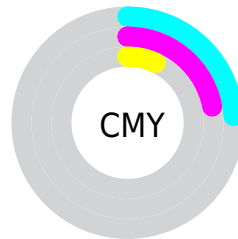


Cyan (18%)

Magenta (16%)

Yellow (0%)

Black (7%)



Cyan (24%)

Magenta (22%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.3723, 0.2837, 0.2865 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 58.3723, 0.2837, 0.2865 by changing the saturation by 10% instead.

■ 58.3723, 0.2837,
0.2865

■ 58.3723, 0.2837,
0.2865

■ 418.5718, 0.2976,
0.3065

■ 42.1080, 0.2804,
0.2818

■ 102.4648, 0.2886,
0.2935

■ 29.1859, 0.2763,
0.2760

■ 131.0618, 0.2905,
0.2962

■ 19.2215, 0.2709,
0.2686

■ 164.5386, 0.2921,
0.2986

■ 11.8304, 0.2638,
0.2589

■ 203.2794, 0.2935,
0.3006

■ 6.6283, 0.2538,
0.2455

■ 247.6688, 0.2948,
0.3024

■ 3.2308, 0.2388,
0.2259

■ 298.0910, 0.2958,

■ 1.2534, 0.2145,

0.3039

0.1952

354.9306, 0.2968,
0.3053

0.1047, 0.1292,
0.0564

0.0000, 0.0000,
0.0000

58.3723, 0.2837,
0.2865

58.3723, 0.2837,
0.2865

46.5867, 0.2651,
0.2586

71.9613, 0.3007,
0.3115

36.5216, 0.2453,
0.2281

87.4177, 0.3159,
0.3336

28.0982, 0.2248,
0.1959

98.8355, 0.3238,
0.3473

21.2288, 0.2048,
0.1635

■ 15.8173, 0.1864,
0.1326

■ 11.7569, 0.1710,
0.1055

■ 8.9258, 0.1598,
0.0842

■ 7.1746, 0.1531,
0.0698

■ 6.9062, 0.1521,
0.0675

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.3723, 0.2684, 0.2916



58.3723, 0.2837, 0.2865



58.3723, 0.3072, 0.2919

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.3723, 0.2837, 0.2865



58.3723, 0.3634, 0.3477



58.3723, 0.2917, 0.3534

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



58.3723, 0.2837, 0.2865



78.8354, 0.3404, 0.3682

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



58.3723, 0.3166, 0.3701



58.3723, 0.2837, 0.2865



58.3723, 0.3586, 0.3655

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.3723, 0.2837, 0.2865



58.3723, 0.3539, 0.3262



58.3723, 0.3412, 0.3742



58.3723, 0.2729, 0.3297

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.3723, 0.2837, 0.2865



58.3723, 0.3246, 0.3006



58.3723, 0.3412, 0.3742



58.3723, 0.2996, 0.3601

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



58.3747, 0.2837, 0.2865



90.7139, 0.3051, 0.3180



77.1835, 0.2891, 0.3352



19.1470, 0.3040, 0.3164



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.3747, 0.2837, 0.2865



64.7627, 0.2778, 0.2777



58.2290, 0.2946, 0.2821



14.8411, 0.2980, 0.3076



3.9046, 0.1525, 0.0690



0.4021, 0.1576, 0.0874

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



60.5198, 0.3431, 0.3236



67.7925, 0.3501, 0.3225



79.1840, 0.3286, 0.3749



15.0836, 0.3274, 0.3262



9.8870, 0.6249, 0.3216



0.7860, 0.5952, 0.3053

Previews

White Background



This preview shows how the Yxy color 58.3723, 0.2837, 0.2865 looks on a white background.

Color Contrast Check

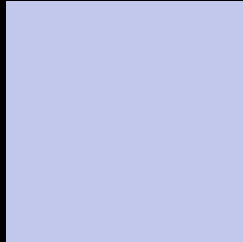
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 58.3723, 0.2837, 0.2865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

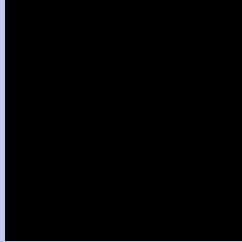
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.3723, 0.2837, 0.2865

Background



This preview shows how black text looks on a background with the Yxy color 58.3723, 0.2837, 0.2865.

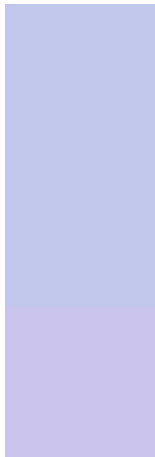


This preview shows how white text looks on a background with the Yxy color 58.3723, 0.2837, 0.2865.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

58.3723, 0.2837, 0.2865

Protanopia

58.3723, 0.2837, 0.2865

Deuteranopia

58.2908, 0.2893, 0.2827



Tritanopia

58.3794, 0.2934, 0.3100

Trichromacy



Original Color

58.3723, 0.2837, 0.2865

Protanomaly

58.3723, 0.2837, 0.2865

Deuteranomaly

58.3263, 0.2872, 0.2836

Tritanomaly

58.4160, 0.2895, 0.3008

Monochromacy



Original Color

58.3723, 0.2837, 0.2865

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.7704, 0.3020, 0.3137

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.3723, 0.2837, 0.2865 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(194, 199, 236)` looks like.

```
.text, #text, p{  
    color:rgb(194, 199, 236)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(194, 199, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 199, 236) }
```

Border

The CSS property to change the border of an element to Yxy 58.3723, 0.2837, 0.2865 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(194, 199, 236) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(194, 199, 236) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(194, 199, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 199, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 199, 236);  
box-shadow:4px 4px 4px 4px rgb(194, 199,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 58.3723, 0.2837, 0.2865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 199, 236) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(194,  
199, 236) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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